

CLAIM AMENDMENTS:

1. (canceled).

2. (currently amended) A power supply apparatus for supplying power ~~between a vehicle body and a slide door that is movable relative to the vehicle body~~ along a direction of sliding movement, the power supply apparatus comprising:

a cable;

a cable guide for guiding the cable, the cable guide comprising a plurality of link members interconnected so that each link member can pivot relative to at least one adjacent link member;

a first support member supporting a first end portion of the cable guide in such a manner that the first end portion is directed in non-parallel relation to the direction of sliding movement; and

a second support member configured for supporting a second end portion of the cable guide, the second support member being capable of moving to pass by the first support member;

wherein the cable guide includes a first section and a second section, the first section includes the first end portion, and the second section includes the second end portion;

the link members of the first section being configured so that the first section can be bent in both of a predetermined direction and an opposite direction from a generally linear condition; and

the link members in the second section being configured so that the second section is capable of being bent only in an opposite direction to the predetermined direction from a generally linear condition; and

~~whereby, in accordance with the sliding movement of the slide door, the cable guide extends away from the vehicle body, and is bent at the first section to extend toward the second support member.~~

3. (previously presented) The power supply apparatus according to claim 2,

wherein

the cable guide can be bent and deformed between a first bending condition and a second bending condition;

in the first bending condition, the cable guide extends away from the first support member and further extends generally linearly toward the second support member; and,

in the second bending condition, the cable guide extends away from the first support member, and further is inverted into a generally J-shape to extend toward the second support member.

4. (previously presented) The power supply apparatus according to claim 3,

wherein,

in the first bending condition, the first support member supports the one end portion of the cable guide in such a manner that the one end portion is inclined

away from the second support member relative to a direction perpendicular to the direction of sliding movement.

Claim 5 (canceled).

6. (previously presented) The power supply apparatus according to claim 2,

wherein the first section includes a section having the plurality of link members so interconnected as to be bent only in one direction from the linear condition, and a section having the plurality of link members so interconnected as to be bent in both directions from the linear condition.

7. (previously presented) The power supply apparatus according to claim 2,

wherein the cable guide is covered with a flexible tube member of a tubular shape.

Claims 8 and 9 (canceled).

10. (previously presented) A power supply apparatus for a vehicle slide door, comprising:

a cable;

a cable guide comprising a plurality of link members interconnected so that each link member can pivot relative to at least one adjacent link member, the cable guide including a first section and a second section, interconnecting portions of the link members in the first section being configured so that the first section is capable of being bent in a predetermined direction from a generally linear condition, interconnection portions of the link members in the second section being configured so that the second

section is capable of being bent only in an opposite direction opposite to the predetermined direction from a generally linear condition, so that intermediate portion of the cable guide can be bent into a generally S-shape;

wherein each of the link members includes:

a body portion of a generally tubular shape for accommodating the cable;

projections which are formed respectively on opposed side walls of one end portion of the body portion and which function respectively as rotation shafts;

reception portions provided respectively at opposed side walls of the other end portion of the body portion such that axes of the reception portions are parallel to axes of the projections of the mating link member to be connected to the link member, the projections being fitted into the reception portions to be rotatably supported;

a first abutment portion formed at the one end portion of said body portion;

and

a second abutment portion formed at the other end portion of the body portion to abut against the first abutment portion of the mating link member thereby limiting the rotation range of the mating link member.

Claims 11-13 (canceled).

14. (previously presented) A cable guide for guiding a cable between a fixing structure and a moving structure, comprising:

a plurality of link members interconnected so that each link member can pivot relative to at least one adjacent link member, the plurality of link members being mutual connected by interconnecting portions, a bending direction of the interconnecting portions being limited so that one of any two adjacent interconnected link members is

allowed to be bent relative to the other link member only in one direction from a linearly extended condition;

the cable guide including a first section and a second section, the bending direction of the interconnecting portions in each of the first and second sections are set to the same direction and the bending direction of each interconnecting portion in the first section is opposite to the bending direction of each interconnecting portion in the second section so that the cable guide can be bent into a generally S-shape;

wherein each of the plurality of linear members includes:

a body portion of a generally tubular shape;

projections which are formed respectively on opposed side walls of one end portion of the body portion and which function respectively as rotation shafts;

reception portions provided respectively at opposed side walls of the other end portion of the body portion such that axes of the reception portions are parallel to axes of the projections of the mating link member to be connected to the link member, the projections being fitted into the reception portions to be rotatably supported;

a first abutment portion formed at the one end portion of said body portion;

and

a second abutment portion formed at the other end portion of the body portion to abut against the first abutment portion of the mating link member thereby limiting the rotation range of the mating link member.

15. (previously presented) An automobile comprising:

a vehicle body;

a moving structure slidably mounted on the vehicle body;

a cable installed between the vehicle body and the moving structure; and
a cable guide for guiding the cable;

wherein the cable guide includes a plurality of link members interconnected into a linear configuration so that each link member can pivot relative to at least one adjacent link member and

the cable guide includes a first section and a second section, the link members in the first section being configured so that the first section is capable of being bent in a predetermined direction from a generally linear condition, the link members in the second section being configured so that the second section is capable of being bent only in an opposite direction opposite to the predetermined direction from a generally linear condition.

16. (original) The automobile according to claim 15, wherein the moving structure is a slide door of the vehicle.